



## Enjoy thunderous, theater-quality sound in your own home.

You need more than a giant-screen television to enjoy true home theater. The real excitement of home theater can be found in the awesome sound capabilities of movies recorded in Dolby® surround sound (most movies today are). This sound technology is the reason movies normally sound so much better, and are more of an experience, at the cinema than at home. At the cinema, surround sound lets you hear a high speed bullet train approaching from the left and behind you. Then, as the train moves closer, the sound moves in front of you and across the room as the train shoots across the screen. All the while, the movie's dialogue is heard directly from the center of the screen.

Now you can bring these same sounds and experiences home, using your existing television and hi-fi VCR or laser disc. First, you can configure the system with true 5-channel Dolby®

Pro Logic® surround sound by using five high performance 100-watt Zone Amp Monaural Cards, one for each channel. Next, add ELAN H1100 and H1000 in-wall speakers for uncompromising sound reproduction. A special center channel speaker — shielded against magnetic interference — can be placed on your television to solve center channel in-wall mounting restrictions. Finally, top off the system with the special 100-watt Zone Amp Subwoofer Card designed with four selectable crossover points for maximum deep bass response.

With ELAN, you'll feel the thunder of stampeding cattle, hear taxi horns on the streets behind you, sense the tension of a jet dogfight and experience flying at the speed of light . . . all without leaving your couch.

# ELAN™ . . . The first Home Electronics Network of its kind.

■ Speakers   ■ Telephone   ■ Cameras   ■ Video



## Whole-house video distribution

- Works with almost any manufacturer's video equipment
- Access cable or off-air signals from any TV
- Access VCR or other video source from any TV



## Whole-house music distribution

- Works with almost any manufacturer's audio equipment
- High-quality ELAN wall or ceiling speakers
- Individual control of volume in each room or zone
- Door chime and paging over system speakers
- Individual room or zone source selection and control from in-wall keypads
- Hand-held remote control from any room or zone with a keypad or IR receiver
- Individual Zone Amplifier Cards provide flexible listening enjoyment



Master Control Unit



Music Zone Audio Amplifier



Video Distribution Amplifier



Camera Modulator

## ELAN System Capabilities

	Basic System	Advanced System Options
Audio	Use your stereo to distribute sound throughout your home.	Upgrade to high-quality ELAN stereo speakers in desired areas. Add home theater sound package.
Video	Route high-quality cable television and video-source (VCR) signals to any TV in the house.	Add closed circuit cameras for security and convenience.
Telephone	Route multiple incoming lines to any phone. Page from any phone. Room-to-room communication, call hold.	Door speaker for phone-to-door communication.



**U.S. Made**

- ELAN is designed and built in the U.S.A.



**Closed circuit camera package**

- Monitor closed circuit cameras from any TV



**UL Listed**

- Quality built, performance tested



**Home Theater Surround Sound**

- In-wall speakers provide thunderous, theater-quality sound
- Special center-channel speaker can be placed on TV without magnetic interference
- Special Home Theater wall plate simplifies hookup of audio-video equipment
- Individual 100-watt Zone Amp Cards can be used for each channel
- Special 100-watt Zone Amp Subwoofer Card



**Integrated phone capabilities**

- Handle up to four incoming lines
- Assign phones to specific lines
- Page over system speakers
- "Meet-me" feature for room-to-room communication
- Phone-to-door communication
- Operate door/gate latch, or other relay-activated device
- Call hold
- "Off-hook" signal over system speakers
- Compatible with ordinary residential phone systems or commercial-type key systems

# ELAN™ Series HD: Here's how it works.

A package of quality, UL Listed modular components allows your professional installer to sensibly and affordably custom design your ELAN Series HD Home Electronics Network exactly the way you want. We recommend you begin by having your installer set up your ELAN Master Control Unit, Multi-Zone Audio Distribution Amplifiers and Video Distribution Amplifiers near your existing audio and video components.

## MASTER CONTROL UNIT

The heart of the ELAN Series HD Home Electronics Network. The Master Control Unit controls the audio and telephone systems in your home. With this unit, your installer uses plug-in cards to custom design a home electronics network that meets your exact needs. Using either the hand-held infrared remote control, or the in-wall keypad, up to 10 sources can be listened to in any one of up to 20 different zones. You can listen to the same source in all zones, or you can listen to different sources in different zones. Any zone can listen to and control the volume, bass, treble and basic control functions of any source from within that zone.

## MULTI-ZONE AUDIO AMPLIFIER

This unit takes the controlled unamplified output from the Master Control Unit, amplifies it and distributes it to speakers throughout the home. Five card slots are provided for the 50 watts per channel Zone Amp Stereo Card, the 100-watt Zone Amp Monaural Card or the 100-watt Zone Amp Monaural Subwoofer Card. The unit powers up to two pairs of speakers per zone card. An unlimited number of amplifiers may be used to power as many speakers as required.

## VIDEO DISTRIBUTION AMPLIFIER

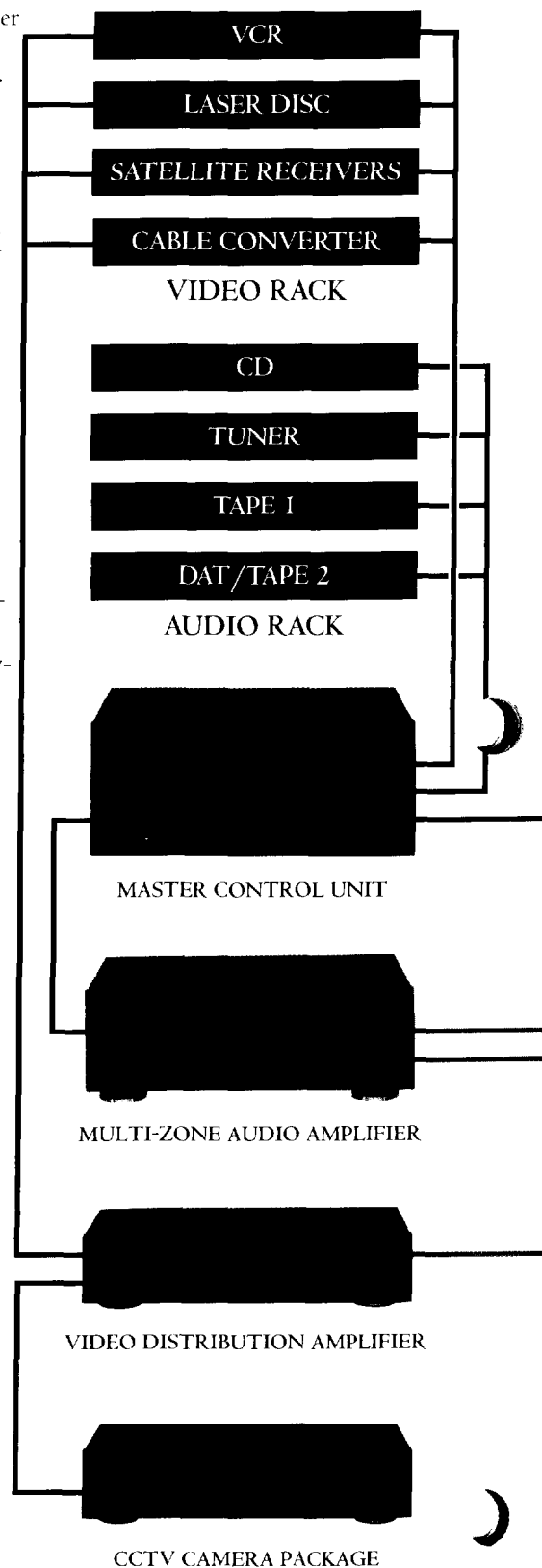
The Video Distribution Amplifier distributes high-quality video signals throughout the home, using a two coax wiring system. This unit amplifies and distributes cable TV signals to up to eight rooms, and off-air signals to up to eight rooms. Multiple amplifiers can be used for more rooms.

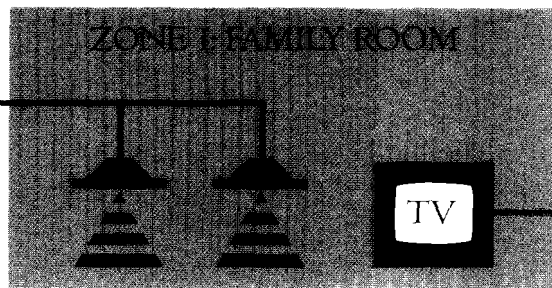
## CLOSED CIRCUIT TV CAMERA PACKAGE

The Closed Circuit TV Camera Package enables you to monitor rooms, such as the nursery, entries and outdoor areas, such as your garage or a pool, from any TV in the home. The package includes one discrete, weatherproof camera with built-in microphone and a video modulator unit. Your installer tunes the camera to an unused TV channel so you can see and hear what the camera sees and hears from any TV.

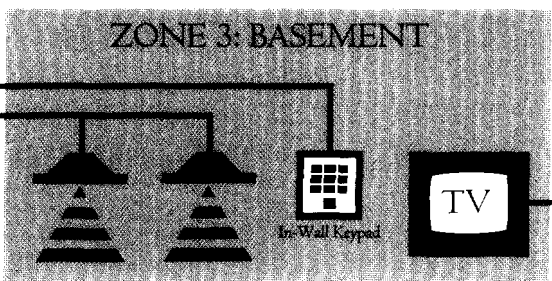
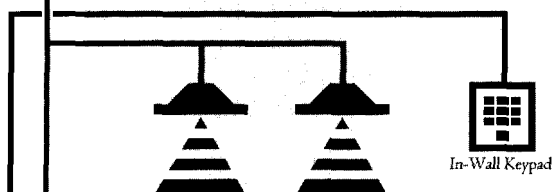
## BALANCED MUSIC INPUT WALL PLATE

When it's not convenient to install your ELAN components near your existing stereo equipment, this wall plate can be installed to provide a connection point for your stereo up to 200 feet away from your ELAN components.

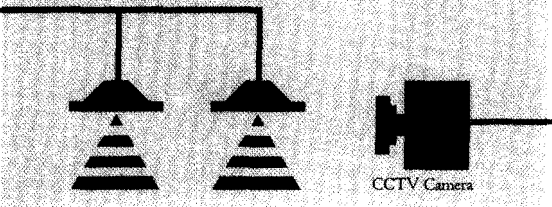




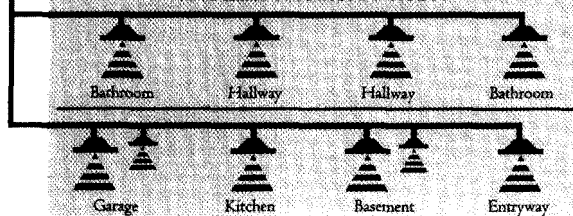
ZONE 2: KITCHEN



ZONE 4: PATIO

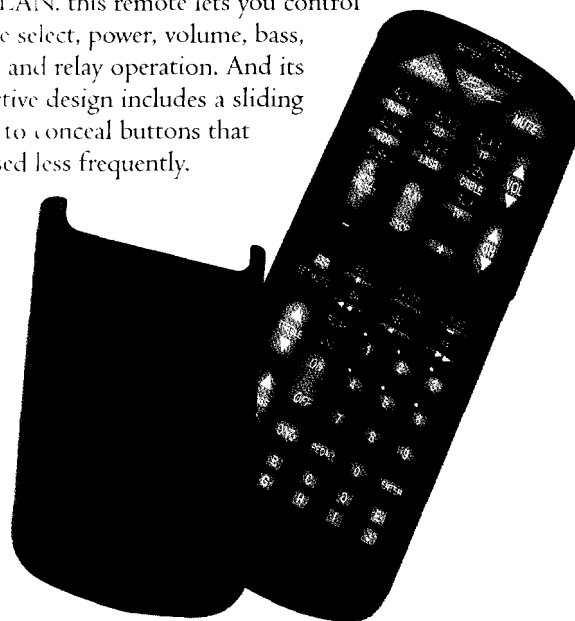


ZONE 5: MULTI-ROOM  
SEAMLESS MONAURAL AUDIO



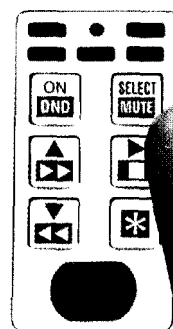
## HAND-HELD INFRARED REMOTE CONTROL

This intelligent infrared remote puts the control of your ELAN™ Series HD in the palm of your hand. It can be preprogrammed to operate up to 10 macro routines, plus audio and video equipment from virtually any manufacturer. Designed and configured specifically for ELAN, this remote lets you control source select, power, volume, bass, treble and relay operation. And its attractive design includes a sliding cover to conceal buttons that are used less frequently.



## IN-WALL KEYPAD CONTROL

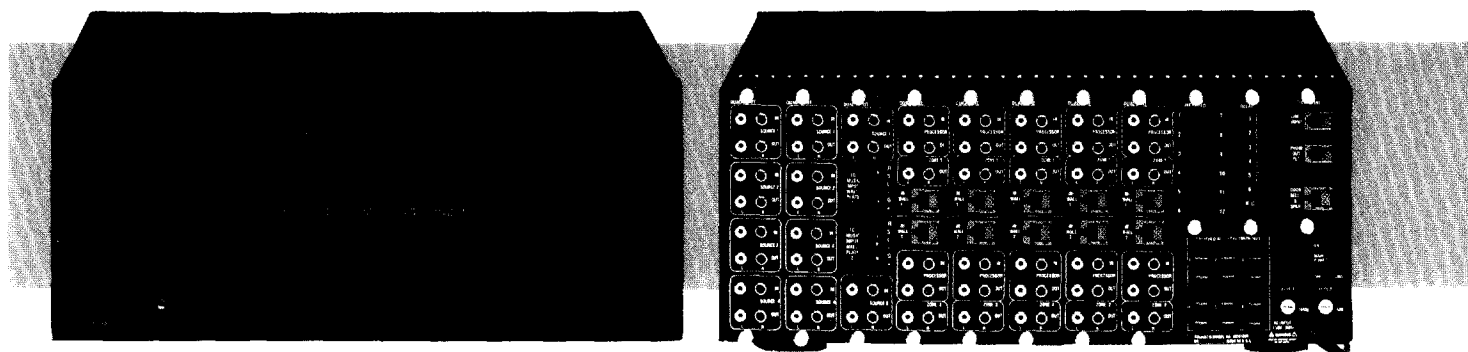
Your ELAN Series HD can be operated and controlled in each zone through the In-Wall Keypad Control Unit. The keypad includes an infrared receiver so it can be operated by the hand-held remote control, in addition to pressing the keys. Master Control Unit functions that can be controlled include zone and entire system ON/OFF, source select and volume up/down. There's even a Do Not Disturb function to suppress the phone and doorbell distribution to that zone. Different functions for your existing audio and video equipment can also be controlled, including play, stop, mute, rewind, fast forward, skip track +/- and tuner preset advance. Comes with inserts to match ivory and white wall plates.



# ELAN™ Series HD gives you all the flexibility you need to create the home you've always wanted.

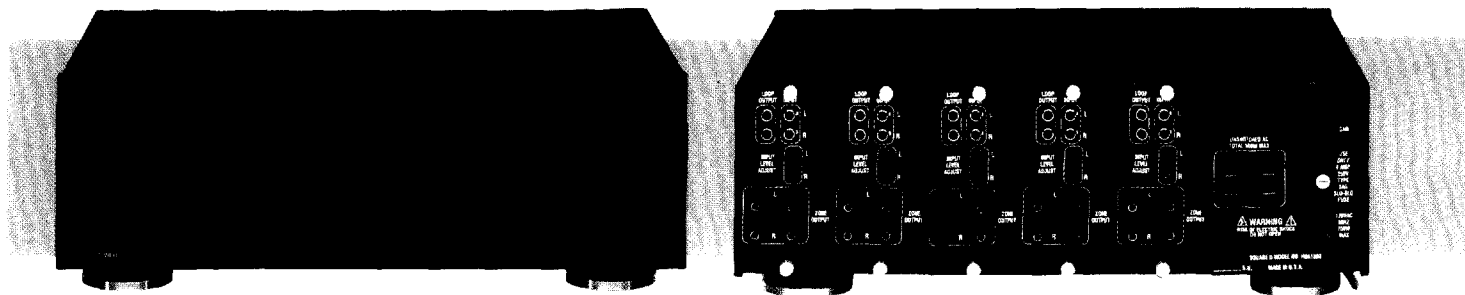
Imagine the home electronics network you could create using only your imagination and the most flexible, expandable architecture available for audio, video and telephone distribution. That's what you get with the ELAN Series HD.

By carefully choosing the Master Control Unit Cards and the Multi-Zone Audio Distribution Amplifier Cards, your installer can select the exact functions you need — all without having to buy features you don't want.



## MASTER CONTROL UNIT

- Uses Quad Input Cards and/or Dual Source Input Cards for control of 10 sources.
  - Uses up to five Dual Zone Output Cards for control of 10 zones.
- Can be expanded up to 20 zones by adding another Master Control Unit.
  - Uses Low Voltage Relay Card to operate other devices.
  - Uses Infrared Interface Card to operate equipment by remote control.
  - Uses Telephone Interface Card to integrate phone functions.



## MULTI-ZONE AUDIO DISTRIBUTION AMPLIFIER

- Uses any combination of five 50 watts/channel Zone Amp Stereo Cards, 100 watts/channel Zone Amp Monaural Cards or 100 watts/channel Zone Amp Subwoofer Cards.





### DUAL ZONE OUTPUT CARD

Sends preamp stereo signal levels to the ELAN Multi-Zone Audio Distribution Amplifiers. Each Dual Zone Output Card provides source control for two zones and it receives the in-wall keypad control input. Provides hand-held infrared remote control capabilities in each zone for volume, bass, treble and source selection and control for up to 10 audio sources. And it can be configured for control of audio source equipment functions from any infrared receiver in the home.



### QUAD INPUT CARD

Provides four source input capability per card. Accepts standard pre-amplified audio inputs from up to four sources per card. Lets you use similar sources without infrared overlap. Loop outputs provide the flexibility to share sources with another system.

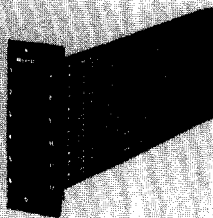
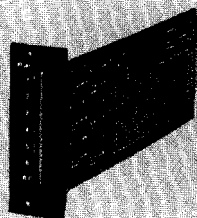
### DUAL SOURCE INPUT CARD

May be added for input capability for two sources. Accepts standard pre-amplified audio inputs or balanced line transmission stereo inputs for sources located up to 200 feet away.



### LOW VOLTAGE RELAY CARD

Add this card to control up to six dry contact relays which enable you to operate lights, motorized drapes and screens or other devices simply by using the hand-held infrared remote.

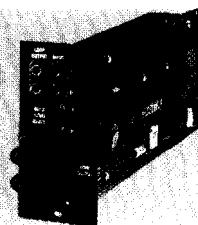


### INFRARED INTERFACE CARD

This card controls the infrared signal communication between the Master Control Unit and your audio and video equipment. Allows you to operate up to 10 sources by remote control infrared signals delivered via 3.5mm phone jack outputs. Also supplies the dc power needed to operate the infrared emitters.

### TELEPHONE INTERFACE CARD

The Telephone Interface Card integrates your home's telephone and communications system as well as adding increased functions to your touch-tone telephones such as: whole-house paging, room-to-room communications, off-hook signal and call hold. Also enables you to activate the optional front door speaker and communicate with someone at the front door. This card lets you control a relay that operates a door/gate latch. And it provides you with a three-tone chime for your front door and a two-tone chime for your back door played over the audio system speakers.



### ZONE AMP STEREO CARD

Add this card each time more stereo amplifiers are needed. Output power: 50 watts/channel into 8 ohms with total harmonic distortion of .08%. Has independent left and right channel input level adjustments and a loop output which allows additional amplifier cards to be connected to the same source.

### ZONE AMP MONAURAL CARD

Can be used by itself for monaural applications, or can be used with another Zone Amp Monaural Card to act as a 100 watt/channel stereo amplifier. Five of these cards can be used to supply 100 watts to each speaker in a Dolby® Pro Logic® surround sound home theater. Output power: 100 watts/channel. Has loop output for an additional amplifier card to use the same signal. Output power: 100 watts into 8 ohms at .08% total harmonic distortion.

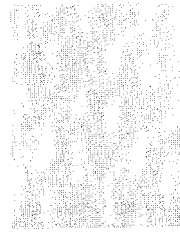
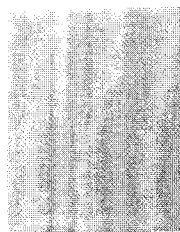
### ZONE AMP SUBWOOFER CARD

For maximum deep bass response. The Zone Amp Subwoofer Card provides dedicated 100-watt amplification to a subwoofer. Four crossover points at 63, 80, 120 or 200 Hz allow your installer to select the crossover point that optimizes performance based on your speakers and the ambient environment. Provides 100 watts into 8 ohm at .08% total harmonic distortion.



**Speakers you'll want to design with, not around.**

ELAN in-wall speakers can fit in beautifully with the decor of any room you choose. The entire front grille can be painted to match the walls. Or you can recover the grille frame with matching fabric.





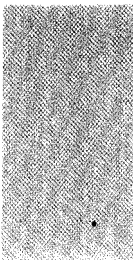
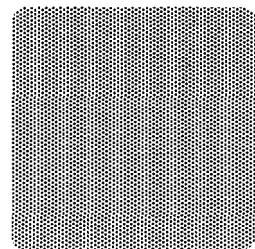
# ELAN™ speakers. Now you can create an environment that looks as good as it sounds.

ELAN™ in-wall speakers have been intelligently engineered and ergonomically designed to achieve the highest levels of form and function. Beauty and performance. No matter which ELAN

speaker you install, you can be certain of a full and accurate sound that will satisfy the most discerning ear. In a way that can be so unobtrusive, your eyes may never even notice.

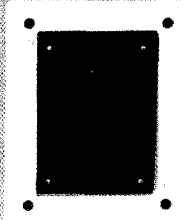
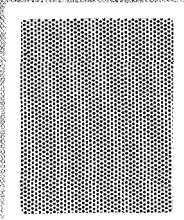
## ELAN M100 SPEAKERS

ELAN M100 speakers provide music in desired areas. They can be mounted in the wall or ceiling, in hallways, kitchen—anywhere you choose. And they are available in an indoor version and a weatherproof outdoor version.



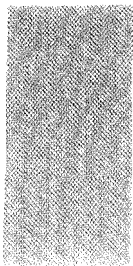
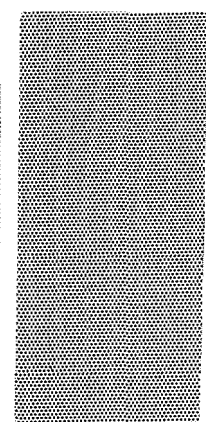
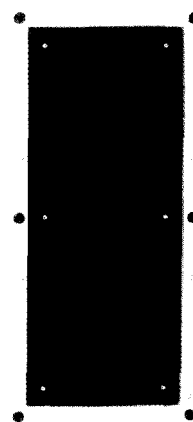
## ELAN H1000 SPEAKERS

ELAN H1000 speakers provide high-quality stereo in any area you select. These stereo pairs are mounted in the wall for beautiful, space-saving music enjoyment with exceptional frequency response for full, accurate sound reproduction. They can be mounted higher, lower or farther apart than ordinary speakers with no loss of fidelity.



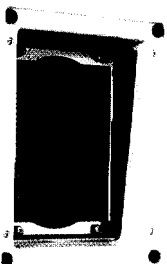
## ELAN H1100 SPEAKERS

ELAN H1100 speakers approach new heights of serious listening quality in one of the industry's highest power-handling in-wall speakers. Exclusive co-active woofer technology uses dual 6½" woofers. The top woofer reproduces midrange frequencies, while the bottom woofer supports the lower bass frequencies. The center mounted soft dome tweeter ensures smooth response on the high frequencies. As a result, deeper, richer bass can be delivered and even the most complex passages of music are reproduced with the sensitivity, subtlety and passion the artist intended.



## ELAN PRESENTS THE WEDGE™. IT PUTS YOUR SPEAKERS IN PERFECT HARMONY.

This exclusive, patented ELAN feature lets your installer angle your ELAN H1000 in-wall speakers in a way you'll never see, only hear. The Wedge fits snugly inside the speaker frame and allows you to "turn" and point your speakers as much as 4 degrees horizontally and 7 degrees vertically. That way, the sound can be concentrated to the exact area where you can enjoy it the most. Providing you with sounds of uncommon quality. And accuracy that will ensure you never miss a single note.



# Square D—A name you've been living with.

The ELAN™ Series HD is the modular way to add the convenience of an ELAN Home Electronics Network into your home. It's made by Square D, the leading U.S. manufacturer of residential circuit breakers and load centers.

Square D is a name homeowners have been living with for over 85 years. We've provided unsurpassed electrical protection with products consistently rated first in brand preference by home builders and electrical contractors. The American-made ELAN Home Electronics

Network is the latest high-quality innovation from Square D. ELAN will enhance your life, make it more manageable and convenient. And it will give you added security and entertainment options that will increase the value of your home and prepare it for the technologies that lie ahead.

Shouldn't you be living with ELAN? To take full advantage of everything the

ELAN Series HD Home Electronics Network has to offer, contact your local ELAN dealer, or call 1-800-767-0914, extension 115.



Square D Quality . . . This Square D safety switch was installed in Thomas Edison's laboratory in Florida in the 1920's. It's still operational today.

For more information, contact your local ELAN dealer or call toll-free,  
**1-800-767-0914, ext. 115.**



**SQUARE D**  
*We Respond.®*  
**GROUPE SCHNEIDER**

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